

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: **Michael T. Migawa et al.** Confirmation No.: **2825**  
Serial No.: **10/592,919** Art Unit: **1635**  
Filed: **July 31, 2007** Examiner: **BOWMAN, Amy Hudson**  
ISIS Docket Number: **CORE0037USA** JD Docket Number: **12207-241-999**  
(CAM: **489808-999241**)

Title: **COMPOSITIONS AND METHODS FOR OPTIMIZING CLEAVAGE OF RNA BY RNASE H**

Commissioner for Patents  
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Signature /Carrie J. Hines/

Sir:

**SUPPLEMENTAL AMENDMENT AND RESPONSE**

Supplemental to the Response e-filed on April 11, 2011, and further responsive to the Office Action dated October 21, 2010, for the above identified patent application, Applicants respectfully request entry of the amendments and consideration of the accompanying remarks.

**Amendments to the Claims** are reflected in the listing of the claims that begins on page 2 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.

Applicants paid a fee for a three month extension of time in the amount of \$555.00 on April 11, 2011, extending the period to respond by three months from January 21, 2011, to April 21, 2011. It is believed that no additional fees are due at this time. However, if an additional fee is due, the Commissioner is hereby authorized to charge the Deposit Account, and any other required fee(s) to Jones Day Deposit Account No. 50-3013, referencing our number 489808-999241. Please also credit any excess fees to such deposit account.